

Enclosures and Panel Mount Solutions

ASI
Your Source for Automation Components



Cable Glands



Metal Enclosures



Non Metallic



Push Button Enclosures



Push Buttons



Disconnect Switches



Panel Connectors



Emergency Stops

Quality
Selection
Price

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Enclosures and Panel Mount Solutions



Your Enclosure Source®

Saginaw Control & Engineering has been serving the electrical industry since 1963. They specialize in manufacturing both standard stock and custom designed electrical enclosures. Their 310,000 square foot manufacturing facility, located in Saginaw, Michigan, uses state-of-the-art fabricating equipment, including the newest laser technology. All products are protected with the highest quality powder finish available in today's market.

- Over 3,000 Part Numbers
- Carbon Steel or Stainless Steel
- Free-Standing Enclosures
- Floor Mounted Enclosures
- Wall-Mount Enclosures
- Modular Enclosures
- Operator System Enclosures
- Pushbutton Enclosures
- Junction Enclosures
- Customize to your needs



Fibox Enclosure Systems is one of the largest enclosure manufacturers in the world and is the market leader in thermoplastic enclosures used for protecting electrical and electronic components in hostile and hazardous environments. Fibox recently celebrated over 40 years as a designer and manufacturer of thermoplastic enclosures. Formerly a division of the giant Fiskars Corp., Fibox (then called Fiskars Enclosure) pioneered in 1966 the injection molding of polycarbonate for use in the electrical industry. Besides, pioneering polycarbonate enclosure products, Fibox has developed more than 17 families of enclosing solutions, all available in a wide range of sizes.

- Over 3,800 Part Numbers
- Non Metallic Enclosures
- ABS and Polycarbonate
- Opaque and Transparent Covers
- NEMA 4X
- Light Weight and Rust Free
- Wall Mount
- Push Button Enclosures
- Customize to your needs

Why ASI?

ASI has a proven track record of supplying high quality competitive products for over **22 years** to over **15,000 companies** throughout North America. You can count on **ASI** to be there with:

- Availability** ASI meets customer promise dates over **95%** on-time.
- Quality** ASI products are comprised of features, materials and specifications that are equal to the best on the market, but at significant savings.
- Selection** ASI offers over **15,000** products on our comprehensive **B2B** website with thousands more available upon request. We offer hundreds of **NEW** products each year.
- Approvals** ASI products are used internationally and boast approvals and are compliant with UL, CSA, ATEX, VDE, KEMA, ETL, CCC, RoHS, CE and REACH to name a few.
- Savings** Our customers tell the story, on average, feedback confirms that **ASI** will save you a minimum **20-50%** when compared to similar products.



Carbon Steel and Stainless Steel



Wall Mount Enclosures

Wall mount SCE sheet metal enclosures are manufactured with carbon steel or stainless steel and are ANSI-61 gray powder coated inside and out to ensure maximum durability. RAL7035 light gray powder coated NEMA enclosures are available upon request. The optional sub panels or electrical enclosure back panels are white powder coated and available in all sizes to fit your enclosure.



Floor Mount

These floor mount enclosures are manufactured from .104" carbon steel and are ANSI-61 gray powder coated both inside and outside for increased durability and protection. Stainless Steel models are made from either 304 or 316 Stainless Steel. Depending on the model of floor mount or free-standing enclosure selected they are either UL Listed Type 3R, 4 & 12 or UL Type 3R & 12. All floor mount and free-standing Saginaw enclosures feature seams that are continuously welded and ground smooth, a flange trough collar around all sides of the door opening, heavy duty lifting eyes for easy handling and concealed hinges.

Free Standing

The Saginaw Control Enclosures free-standing single door enclosures feature a 3-point latching mechanism that ensures the doors are securely locked in the closed position. Manufactured with a heavy duty .104" carbon steel or stainless steel. Additionally, these free-standing single door enclosures feature mounting channels welded horizontally on the sides of the interior body at top, bottom and middle for mounting optional panels or rack mounting angles.



Metal Push Button Enclosures

The metal Saginaw push button enclosure is manufactured with a heavy duty .063" carbon steel or stainless steel. We offer a 30mm push button enclosure and a 22mm push button enclosure. The standard model of the Saginaw push button enclosure is available in 1 to 12 holes and the extra deep push button switch enclosure is also available in 1 to 12 holes. The 30mm Saginaw push button enclosure in carbon steel is also available in standard depth and extra depth. Sloped front push/pull enclosures available.

Non Metallic NEMA 4X Enclosures



ARCA - JIC

The ARCA-JIC enclosures are high performance non-metallic enclosures manufactured of polycarbonate and are available in standard JIC sizes that feature industry standard dimensions and panels. These JIC enclosures are available in both screw cover and hinge covers, and a JIC polycarbonate enclosure with clear cover is also available. Size range from 6 x 6 to 24 x 24.



ARCA - IEC

The ARCA-IEC family of wall mount, polycarbonate, NEMA 4X enclosures is the most innovative non-metallic industrial enclosure on the market today. The ARCA-IEC also features the largest industrial polycarbonate enclosure available at 31.5" x 23.6" x 11.8" in overall size. The ARCA-IEC polycarbonate enclosures can be used in applications with temperatures ranging from -40C to +80C, indoors, outdoors, in rain, snow, sleet or just about any environment.

MNX

The MNX series is a plastic enclosure family that has been designed for use as a plastic electrical enclosure or as plastic enclosures for electronics. The MNX plastic enclosure box family has over 260 variations and models including a polycarbonate enclosure with clear cover. The clear plastic enclosures for electronics feature a standard or a raised cover for increased space inside the plastic enclosure box. Size range from 5 x 3 to 10 x 7 inches.



TEMPO

The TEMPO is a sturdy, full featured polycarbonate enclosure that is quick and easy to install and gets the job done while meeting your budget requirements. Molded in a UV resistant, high impact polycarbonate the TEMPO enclosures deliver performance for both indoor and outdoor applications including requirements for a waterproof and weatherproof enclosure. The TEMPO selections include a polycarbonate enclosure with a clear cover. Size ranges from 5 x 5 to 10 x 7 inches.

PICCOLO

The PICCOLO series of industrial enclosures was designed for use as control station enclosures to house push-buttons, selector switches, and motor starters. They are also used to house electronic circuits and devices in housings ranging in size from 4.3"x3.1"x3.3" up to 9.1"x5.5"x4.9". The PICCOLO push button enclosure and control station enclosures are available with standard pre-holed covers with 22.5mm or 30.5mm keyed holes.



SOLID

The SOLID series of nonmetallic enclosures is an ideal choice for a watertight, NEMA 4X enclosure to house electrical and electronic components in an industrial or harsh environment. The SOLID wall mount NEMA 4X enclosure is available in a high performance polycarbonate in sizes from 7.5 x 7.5 to 22 x 14.



Subpanels, Back panels and Mountings

Saginaw and Fibox have a complete line of matching subpanels for every enclosure. Choose from full panel size to partial panel size subpanels. These subpanels easily mount to the inside of your enclosure for connecting components.

Panel Accessories

Customize enclosures based on your needs. Choose from a wide selection of latches, lights, holders, hinges and more.



- Multiple Latching and Handle
- Power venting and vents
- Drip Edge and water proofing
- Lighting options
- Internal storage
- Wall, Pole and mounting

Cable Glands

Over 1000 part numbers of **plastic**, **nickel-plated brass** and **stainless steel** cable glands and accessories in both PG and metric threads are available. Hazardous Location and Ex rated.

Item:	Description:
3001316	Standard Nylon Cable Glands, with locknut and collar, Light Gray, M20x1.5 Threads, Tightening nut: 25mm, 7-13mm Clamping Range
3012714	Nickel-Plated Brass Cable Glands, Reduced Cable Entry, M20x1.5 Threads, Tightening nut: 24mm, 5-10mm Clamping Range
3010116	303 Stainless Steel Cable Glands, M20x1.5 Threads, 24 mm Nut, 7-13 mm Clamping Range
3012814	20.5 mm mounting hole, 10-13 mm Clamping Range, Ex e rated Hazard Location Cable Gland, Nickle Plated Brass



Visit our website for our full line of Cable Glands

Through Panel Interface Connectors

Heavy Duty Through Panel Interfaces that house connectors with a variety of options such as RJ45 Connectors, AC Outlets or Circuit Breakers.

Item:	Description:
RAI-RJ45S	Shielded RJ45 Through Panel Connector, NEMA 4, 4X, 12 Rating
RAI-SAC-201	RJ45 Through Panel Connector, Single AC Outlet, NEMA 4, 4X
RAI-SAC-RJ45-CB-3	RJ45 Through Panel Connector, Single AC Outlet, 3A Circuit Breaker, NEMA 4, 4X

Custom ASI Panel Interface Connectors are available upon request, just give us a Call.



Panel Mount Push Button Switches

The Orion Series of Momentary Push Button Switches includes a wide range of colors, flush and extended models, mushroom head, illuminated, multi-function, selector switch, key switch and preprinted models. Ratings include IP67, 69K, equivalent NEMA 4, 4X. Each button includes mounting plate. Contacts sold separately.

Item: FLUSH	Description:	Item: EXTENDED Version
PPRN1GL	Red Momentary Push Button	PPSN1GL
PPRN2GL	Green Momentary Push Button	PPSN2GL
PPRN3GL	Yellow Momentary Push Button	PPSN3GL
PPRN4GL	Blue Momentary Push Button	PPSN4GL
PPRN5GL	White Momentary Push Button	PPSN5GL
PPRN8GL	Black Momentary Push Button	PPSN8GL

Visit our website for our full line of push button and selector switches.



22mm LED Panel Indicators/Pilot Lights

The PLML family of 22mm LED Panel Indicators feature an easy to install uni-body design, quick wire terminals and voltage ranges from 12 to 220 Vac/dc in 5 colors.

Item: 24V AC/DC	Description:	Item: 110V AC/DC
PLML1L24UL	Red LED Panel Indicator	PLML1L110UL
PLML2L24UL	Green LED Panel Indicator	PLML2L110UL
PLML3L24UL	Yellow LED Panel Indicator	PLML3L110UL
PLML4L24UL	Blue LED Panel Indicator	PLML4L110UL
PLML5L24UL	White LED Panel Indicator	PLML5L110UL

Visit our website for our full line of panel indicator and pilot lights.



Emergency Stop Buttons

ASI E-Stop Buttons are UL508 Listed, EN ISO 13850 compliant for emergency stopping and are available in push-pull, twist to release or key release in a wide range of sizes. With IP66, IP67, and IP69K, NEMA 4, 4X ratings and NO or NC contacts that fit all applications.

Item:	Description:
PPFN1R3N-1NC	30mm E-Stop Button, 22mm Mount, Twist to Release, with 1 NC Contact
PPFN1R4N-1NC	40mm E-Stop Button, 22mm Mount, Twist to Release, with 1 NC Contact
PPFN1P4NH-001-1NC	40mm E-Stop Button, Push-Pull, White Print on Red, with 1 NC Contact
PPFN1R6N-1NC	60mm E-Stop Button, 22mm Mount, Twist to Release, with 1 NC Contact

More options available on our web site.



M8 and M12 Bulkhead Connectors

The M8 and M12 bulkhead connectors featured by ASI are front panel mount with a 12 inch wire pigtail for easy installation. These front panel mount connectors are available in male or female, A coded and D coded in 4, 5, 8 and 12 positions.

Item:	Description:
08FP3000	M8 Front Mount Female Cable Connector, Solder Pins, 3 pole
12FP4A0C-PG9	Front Panel Mount M12 Connector with PVC Soldered Wires, Nickel Plated Brass Housing, 4 Pole, Female, PG9 Thread, 250V, 4A
D-12FP4A0C-PG9	Front Panel Mount M12 Connector with PVC Soldered Wires, Nickel Plated Brass Housing, 4 Pole, D-Coded Female, PG9 Thread, 250V, 4A

Visit our website for our full line of M8 and M12 connectors and cord sets.



Waterproof Through Panel Connectors, RJ45, USB

Industrial Ethernet RJ45 and USB 3.0 through panel connectors that are waterproof, and carry a NEMA 4, 4X and 6 rating. Choose black or nickel bezel.

Item:	Description:
PP2RJ45BL	Waterproof RJ45 Connector with Integrated Cap, Black Bezel, Rear Panel Mount, NEMA 4, 4X
PP2RJ45NL	Waterproof RJ45 Connector with Integrated Cap, Nickel, Bezel, Rear Panel Mount, NEMA 4, 4X
PP2USB30BL	Weatherproof USB 3.0 Bulkhead Connector with Protective Cover, Female to Female, 22 mm Panel Mount
PP2USB30NL	Weatherproof USB 3.0 Bulkhead Connector with Protective Cover, Female to Female, 22 mm Mount

Visit our web site for our full line of panel mount connectors.



Panel Mount Circuit Breakers

NDB3-30 series is an easy-to-install, snap-in mount, circuit breaker family ideal for applications ranging from 1 to 30 amps in DC voltages up to 80 volts and AC up to 250 volts.

Item:	Description:
NDB330J41-1QHY110R	Snap-in panel mount, hydraulic magnetic circuit breaker, AC trip, 1 pole, 1 amp
NDB330J430-1QHY110R	Snap-in panel mount, hydraulic magnetic circuit breaker, AC trip, 1 pole, 30 amp

More options available on our web site.

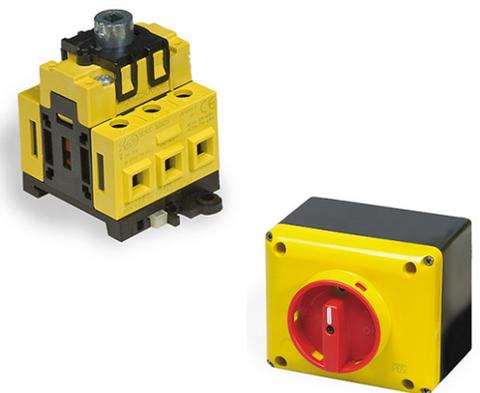


Disconnect Switches

The SQ series is a 3 pole rotary disconnect switch with 30, 40, 60 and 80 amp ratings and are also rated as a NEMA 4X disconnect switch. A 6 pole disconnect and a 3 pole changeover disconnect switch is also available which are also rated as a NEMA 4 disconnect.

Item:	Description:
SQ025003B	Rotary Disconnect Switch, Panel or DIN Rail Mount, Non-Fused, 32 Amp, 3 Pole, UL508 Listed, NEMA 4X
SQ025003BC10	32 Amp Enclosed Rotary Disconnect Switch, 3 Phase, 600 Volt, Yellow Cover, Red Handle, Locking 0 - Off, Max 3 Locks, IP65, NEMA 4/4X

Visit our website for the full line of disconnect switches.



Rotary Cam Switches—Rear Panel or DIN Rail Mounted

Select from a huge range of Cam Switches including On-Off, Changeover, Motor Reversing, Multi-Step, Ammeter, Voltmeter and Custom Configurations to meet your applications.

Item:	Description:
P0200002R	ON-OFF Cam Switch, 2 Pole, 20A, 600 Vac, Rear Panel Mount
C0400003R	ON-OFF Cam Switch, 3 Pole, 40A, 600 Vac, Rear Panel Mount

More options available on our web site for Rotary Cam Switches.



Push Button Control Stations

ASI Push Button Control Stations are available for start-stop, on-off, forward-reverse, with indicator lights, selector switches, any color push button, key switches and more.

Item:	Description:
GCSP-2H-103	Compact Dual Push Button Start Stop Control Station, 1 NO and 1 NC
GCSP-1H-104	Standard Start Stop Control Station, 1 NO and 1 NC
YCSP-2H-102	On Off Push Button Station, 1 NO and 1 NC, Yellow

Visit our web site for a full selection of control stations.



Over 15,000 Automation and Control Components

Solar | Waste Water | Process Control | Manufacturing | Automation



DIN Rail Cutter

DIN Rail Cutter, Hand Lever Action for Professional, Burr-Free Results. Cuts four Standard sizes of 35mm, 32mm & 15mm Steel DIN Rail



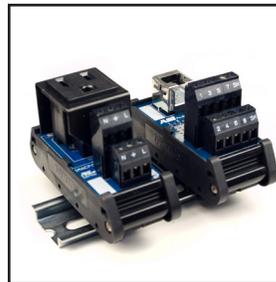
DIN Rail Mounted Power Supplies

Over 100 models of DIN rail power supplies, DC-DC converters and DIN rail UPS. Compact units ranging from 5 - 170 Volts.



Industry Standard DIN Rail

ASI DIN Rail 35mm x 7.5mm is the industry standard slotted DIN rail used for mounting components, devices and equipment. Mini and



Interface Modules

DIN rail mounted breakout boards for wiring transitions, including AC outlets, RJ45 and more, from various types of connectors and cables to either fixed or pluggable terminal blocks.



DIN Rail Mounted Terminal Blocks

ASI offers a very broad line of spring clamp, screw clamp, which include both our standard line and competitive equivalent terminal blocks.



Analog Signal Splitters

The 4-20 mA signal splitters from ASI are now available in several different models all designed in a compact, easy to install package.



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